HP Designjet T1120 SD-MFP

A trusted choice for demanding professionals

New affordable, easy-to-use integrated HP MFP

Fast, intuitive operation improves user efficiency

- Avoid the back and forth between devices. Easily perform key functions—such as copy, scan to USB or network, and file management—from the scanner touchscreen interface.

- Easily maintain this MFP and its supplies with HP Printer Utility and the self-sufficient scanner that does not require calibration at installation. LED lights help you to diagnose any issues.

- You're in total control with a new HP MFP that's easy to manage thanks to the HP Embedded Web Server.

- Concentrate on your customers and your projects thanks to this MFP's timesaving features, such as a CIS scanner that doesn't require a warm-up period.

Superior line and text quality at the right price

- Produce highly accurate drawings with a printer and HP Vivera inks that deliver outstanding details—with 0.1% line accuracy[1]. The HP Three-black ink set—including a gray HP Vivera ink—produces true neutral gray, accentuating the detail in your prints.

- Powerful presentations—HP Vivera inks produce a range of colors, from vivid color to soft tones.

- See high-quality results—especially for lines and text—with CIS scanning technology and 1200 dpi optical resolution. Scan or copy archived documents of existing buildings or "as-build" drawings to share with colleagues or clients.

- Produce optimized results easily with predefined media profiles and settings for the originals you use most often. You don't have to spend a lot of time adjusting settings whenever you want to copy or scan.

- Media versatility—including over 35 Original HP media—provides additional flexibility.

Dependable, unique integrated HP solution

- Get back to work quickly knowing detailed prints are not a problem thanks to In-printer processing architecture and an 80 GB HDD.

- Convenient single-vendor solution—built together to work together. There's no greater convenience than having a single device with multiple functions and features reliably working in tandem to provide a very effective, very viable solution.

- Save valuable workspace with this ergonomic multifunction device. It also includes a 23 cm (9 in) touchscreen panel positioned on top of the scanner, which creates additional room in your office.

| For AEC and GIS Small and Medium Size Business | Print in 35s/A1 | 6 colors | 80 GB hard disk | HP-GL/2 in-printer processing | CIS Scanning technology | Scan in 1.5ips color, 5ips b&w | Optimized for line and text |

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Technical specifications

Print

Print speed[2]	**Line drawings:** 35 sec A1/D on plain media in Fast Economode, 56 A1/D per hour on plain media in Fast mode; **Color images:** 41 m²/hr (445 ft²/hr) on coated media in Fast mode, 2.8 m²/hr (30 ft²/hr) on glossy media in Best mode
Print resolution	Up to 2400 x 1200 optimized dpi
Margins (top x bottom x left x right)	**Roll:** 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) (borderless on photo papers) **Sheet:** 5 x 16.75 x 5 x 5 mm (0.2 x 0.67 x 0.2 x 0.2 in)
Technology	HP Thermal Inkjet
Ink cartridge colors	Cyan, gray, magenta, matte black, photo black, yellow
Ink types	Dye-based (cyan, magenta, yellow, gray, photo black); pigment-based (matte black)
Ink drop	6 pl (cyan, magenta, photo black, gray), 9 pl (yellow, matte black)
Ink cartridge size	69-ml (photo black, cyan, magenta, yellow, gray) 130-ml (matte black, photo black, cyan, magenta, yellow, gray)
Line width	Minimum line width (HP-GL/2 addressable): 0.02 mm (0.0007 in) Guaranteed minimum line thickness (ISO/IEC 13660:2001(E))*: 0.06 mm (0.0023 in)
Line accuracy	+/- 0.1%[1]

Scan

Scan speed	Color (200 dpi): 3.81 cm/sec (1.5 in/sec) Black-and-white (200 dpi): 12.7 cm/sec (5 in/sec)
Scan/copy resolution	**Optical resolution:** 1200 dpi **Enhanced mode:** 9600 x 9600 dpi **Best mode:** color and black-and-white: 300 x 300 dpi **Normal mode:** color and black-and-white: 200 x 200 dpi **Draft mode:** color and black-and-white: 100 x 100 dpi
Maximum scan width	1118 mm (44 in)
Maximum scan thickness	1 mm (0.04 in)

Copy

Reduction/enlargement	25 to 400%
Maximum copies	50 copies
Copier settings	Original type, quality, original size, resize, color management

Media handling

	Printer: Roll feed, sheet feed, automatic cutter **Scanner:** Sheet feed

Media types

	Printer: bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte, colored), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), backlit, self-adhesive (two-view cling, indoor paper, polypropylene, vinyl) **Scanner:** Non-abrasive paper, vellum, mylar, sepia, blueprints, plastic film, plastic laminate, foam board, cardboard. (No plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, burned surfaces, transparencies.)

Processing and memory

	Printer: Intel® Pentium® M 800 MHz, 384 MB memory, 80 GB hard disk **Scanner:** Intel Pentium M 1.5 GHz, 1 GB memory, 40 GB hard disk

Connectivity

Interfaces (standard)	**Printer:** 1 Gigabit Ethernet (1000Base-T) port, 1 Hi-Speed USB 2.0 certified port, 1 EIO Jetdirect accessory slot **Scanner:** 1 Fast Ethernet (10/100Base-T) port, 1 Hi-Speed USB 2.0 certified port
Print languages	HP-GL/2, HP-RTL, CALS G4, TIFF, JPEG, HP PCL 3 GUI
Drivers (included)	HP-GL/2, HP-RTL drivers for Windows® (optimized for AutoCAD 2000 and higher); HP PCL 3 GUI driver for Mac OS X; support for Citrix XenApp and Citrix XenServer environments

(1 ±0.1% of the specified vector length or ±0.1 mm (whichever greater) at 23° C (73° F), 50-60% relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film
(2 Mechanical printing time
* Measured on HP Matte Film

Environmental ranges

Operating temperature	5 to 40° C (41 to 104° F)
Recommended operating temperature	15 to 35° C (59 to 95° F) (depending on paper type)
Storage temperature	-25 to 55° C (-13 to 131° F)
Operating humidity	20 to 80% RH

Acoustic

Sound pressure, active	55 dB(A)
Sound pressure, standby	42 dB(A)
Sound power, active	6.9 B(A)
Sound power, standby	5.8 B(A)

Power consumption

Maximum	330 watts
Powersave	< 19 watts
Off	0.1 watts
Power requirements	Input voltage auto ranging: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max

Certification

Safety	USA and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), China (CCC), Argentina (IRAM), Mexico (NYCE).
Electromagnetic	Compliance for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (ICES), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI); Certified as Class A product: Korea (MIC), Taiwan (BSMI)
Environmental	EU & China RoHS, WEEE, REACH, EuP
ENERGY STAR® qualified models	see: www.hp.com/go/energystar

Warranty

	One-year, next-business-day, on-site warranty

Service and support

Care packs		
	H4518E	HP Network Installation
	UN382E	HP 3y Next Business Day Onsite
	UN381E	HP 4y Next Business Day Onsite
	UN369PE	HP 1y Post Warranty Next Business Day Onsite
	UN375E	HP 3 year 4 hour 13X5
	UN370PE	HP 1 year Post Warranty 4 hour 13X5

Dimensions (w x d x h)

MFP	1770 x 1000 x 1450 mm (69.7 x 39.4 x 57.1 in)
Shipping	1930 x 766 x 1298 mm (76 x 30.2 x 51.1 in)

Weight

MFP	140 kg (309 lb)
Shipping	182 kg (401.2 lb)

What's in the box

Printer, printheads (3 x 2 colors each), introductory ink cartridges, 44-in stand, quick reference guide, setup poster, Serif PosterDesigner Pro poster, start-up software, scanner, touchscreen, customer service guide, USB cable, Ethernet cable, power cords

Ordering information

Product
CM719A HP Designjet T1120 SD-MFP

Accessories
Q6709A HP Designjet T1xx0/T610 44-in Spindle
J7997G HP Jetdirect 630n IPv6 Gigabit Print Server
J7961G HP Jetdirect 635n IPv6/IPsec Print Server
CN088A Serif PosterDesigner Pro for HP

Original HP printheads
C9380A HP 72 Gray and Photo Black Printhead
C9383A HP 72 Magenta and Cyan Printhead
C9384A HP 72 Matte Black and Yellow Printhead

Original HP ink cartridges with HP Vivera inks
C9397A HP 72 69-ml Photo Black Ink Cartridge
C9398A HP 72 69-ml Cyan Ink Cartridge
C9399A HP 72 69-ml Magenta Ink Cartridge
C9400A HP 72 69-ml Yellow Ink Cartridge
C9401A HP 72 69-ml Gray Ink Cartridge
C9403A HP 72 130-ml Matte Black Ink Cartridge
C9370A HP 72 130-ml Photo Black Ink Cartridge
C9371A HP 72 130-ml Cyan Ink Cartridge
C9372A HP 72 130-ml Magenta Ink Cartridge
C9373A HP 72 130-ml Yellow Ink Cartridge
C9374A HP 72 130-ml Gray Ink Cartridge

Original HP large-format printing materials

Q6627A	HP Super Heavyweight Plus Matte Paper 210 g/m², 36 in. x 100 ft/914 mm x 30,5 m
Q6628A	HP Super Heavyweight Plus Matte Paper 210 g/m², 42 in. x 100 ft/1067 mm x 30,5 m
C6030C	HP Heavyweight Coated Paper 131 g/m², 36 in. x 100 ft/914 mm x 30,5 m
C6569C	HP Heavyweight Coated Paper 131 g/m², 42 in. x 100 ft/1067 mm x 30,5 m
Q1956A	HP Heavyweight Coated Paper 131 g/m², 42 in. x 225 ft/1067 mm x 67,5 m (NA & EMEA only)
C6019B	HP Coated Paper 90 g/m², 24 in. x 150 ft/610 mm x 45,7 m
C6020B	HP Coated Paper 90 g/m², 36 in. x 150 ft/914 mm x 45,7 m
C6980A	HP Coated Paper 90 g/m², 36 in. x 300 ft/914 mm x 91,4 m
C1860A	HP Bright White Inkjet Paper 90 g/m², 24 in. x 150 ft/610 mm x 45,7 m (NA & LAR only)
C6035A	HP Bright White Inkjet Paper 90 g/m², 24 in. x 150 ft/610 mm x 45,7 m (EMEA & AP only)
C1861A	HP Bright White Inkjet Paper 90 g/m², 36 in. x 150 ft/914 mm x 45,7 m (NA & LAR only)
C6036A	HP Bright White Inkjet Paper 90 g/m², 36 in. x 150 ft/914 mm x 45,7 m (EMEA & AP only)
C6810A	HP Bright White Inkjet Paper 90 g/m², 36 in. x 300 ft/914 mm x 91,4 m
Q1397A	HP Universal Bond Paper 80 g/m², 36 in. x 150 ft/914 mm x 45,7 m
C3868A	HP Natural Tracing Paper 90 g/m², 36 in. x 150 ft/914 mm x 45,7 m
C3875A	HP Clear Film 174 g/m², 36 in. x 75 ft/914 mm x 22,9 m
51642B	HP Matte Film 160 g/m², 36 in. x 125 ft/914 mm x 38,1 m
Q1427A	HP Universal High-gloss Photo Paper 190 g/m², 36 in. x 100 ft/914 mm x 30,5 m (NA, EMEA, AP only)
Q1421A	HP Universal Semi-gloss Photo Paper 190 g/m², 36 in. x 100 ft/914 mm x 30,5 m (NA, EMEA, AP only)
CG459A	HP Premium Matte Photo Paper 210 g/m², 24 in. x 100 ft/610 mm x 30,5 m
CG460A	HP Premium Matte Photo Paper 210 g/m², 36 in. x 100 ft/914 mm x 30,5 m
C7960A	HP Reverse Print Matte Backlit Film 160 g/m², 36 in. x 75 ft/914 mm x 22,9 m (NA, EMEA, AP only)
Q8834A	HP Self-adhesive Gloss Polypropylene 120 g/m², 36 in. x 75 ft/914 mm x 22,9 m
Q1442A	HP Coated Paper 90 g/m², (A1) 23.39 in. x 150 ft/594 mm x 45,7 m (EMEA & JP only)
Q1445A	HP Bright White Inkjet Paper 90 g/m², (A1) 23.39 in. x 150 ft/594 mm x 45,7 m (EMEA & JP only)
CG886A	HP Cockle-free Heavyweight Coated Paper 170 g/m², 24 in. x 100 ft/610 mm x 0,5 m (US & EMEA only)
CG887A	HP Cockle-free Heavyweight Coated Paper 170 g/m², 36 in. x 100 ft/914 mm x 0,5 m (US & EMEA only)
CG888A	HP Cockle-free Heavyweight Coated Paper 170 g/m², 42 in. x 100 ft/1067 mm x 30,5 m (US & EMEA only)
CG883A	HP Cockle-free Coated Paper 100 g/m², 24 in. x 150 ft/610 mm x 45,7 m (US & EMEA only)
CG884A	HP Cockle-free Coated Paper 100 g/m², 36 in. x 150 ft/914 mm x 45,7 m (US & EMEA only)
CG885A	HP Cockle-free Coated Paper 100 g/m², 42 in. x 150 ft/1067 mm x 45,7 m (US & EMEA only)
CG889A	HP Recycled Bond Paper 80 g/m², 24 in. x 150 ft/610 mm x 45,7 m (US & EMEA only)
CG890A	HP Recycled Bond Paper 80 g/m², 36 in. x 150 ft/914 mm x 45,7 m (US & EMEA only)
CG891A	HP Recycled Bond Paper 80 g/m², 42 in. x 150 ft/1067 mm x 45,7 m (US & EMEA only)
CG892A	HP Recycled Bond Paper 80 g/m², (A2) 16.54 in. x 150 ft/420 mm x 45,7 m (US & EMEA only)

More HP large-format printing material sizes and weights available at: www.hp.com/go/designjet/supplies

ecoHIGHLIGHTS

HP DESIGNJET T1120 SD-MFP

ECO INFORMATION
- Save paper and avoid printing mistakes with HP Instant Printing Utility 2.0
- Less ink wasted thanks to efficient installation and maintenance routine.
- Free, convenient cartridge recycling[1]
- Supports 100% recycled media

• ENERGY STAR® Qualified Product

1. In countries where the HP's Planet Partner Program operates

www.hp.com/ecosolutions
Please recycle your printing hardware and supplies. Find out how at our website.

For more information, visit our website at:
www.hp.com/go/designjetT1120SD-MFP

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